

THIS APPLICATION IS A CONTINUATION-IN-PART OF  
USSN 09/575,168 FILED 23 MAY 2000

**ORIENTATION SENSING DEVICE**

*issued as US Patent No. 6,737,591*  
*LRJ 2/4/05*

**FIELD OF INVENTION**

5        The present invention relates generally to methods, systems and apparatus for interacting with computers. The invention relates particularly to a sensing device for sensing its own orientation relative to a surface when moved or positioned relative to the surface.

10       The invention has been developed primarily to allow a large number of distributed users to interact with networked information via printed matter and optical sensors, thereby to obtain interactive printed matter on demand via high-speed networked color printers. Although the invention will largely be described herein with reference to this use, it will be appreciated that the invention is not limited to use in this field.

15       **CO-PENDING APPLICATIONS**

Various methods, systems and apparatus relating to the present invention are disclosed in the following co-pending applications filed by the applicant or assignee of the present invention simultaneously with the present invention:

20       NPA060US, NPA061US, NPA081US, NPA082US, NPP010US, NPP013US,  
NPP015US, NPP020US, NPP021US, NPP022US, NPP023US, NPS014US,  
NPS015US, NPS017US, NPS018US, NPS022US, NPS027US, NPS028US,  
NPT008US, BIN01US, BIN02US, BIN03US, BIN04US

25       The disclosures of these co-pending applications are incorporated herein by cross-reference. Each application is temporarily identified by its docket number. This will be replaced by the corresponding USSN when available.

Various methods, systems and apparatus relating to the present invention are disclosed in the following co-pending applications filed by the applicant or assignee of the present invention on 20 October 2000:

30       NPA011US, NPA031US, NPA040US, NPA046US, NPA053US, NPA059US,  
NPA064US, NPB006US, NPS004US, NPS008US, NPS013US, NPS024US,  
UP01US, UP02US, UP03US, UP04US, UP05US

NPS028US

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